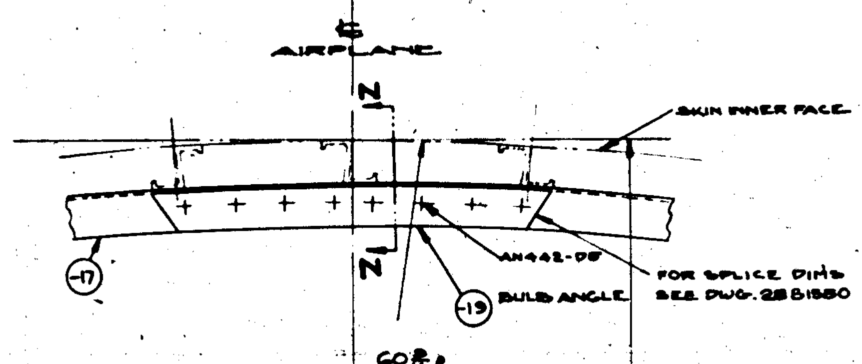
LET	ALTERATION	DATE	BY
H	TRACED UP TO DATE	6-8-37	R.A.
I	CHANGED -3 TO -10 FROM ST. TO SO.	1-26-38	[illegible]
J	CHANGE -2 TO -55 ADDED -550 ASSY. ADDED PBY-5 [illegible]	[illegible]	[illegible]
K	-17 & -18 SPEC. 24 SO WAS 24ST	10-[illegible]	DON

SUPPLIES & EQUIPMENT CLASSIFICATION

E.O. 1705



-17 L.H. / -18 R.H. BULB ANGLE (K) -17, -18 Material: K1559 24 SO Al Alloy.

INTERSECTION OF DECK & CHINE RADII

-11 L.H. / -12 R.H.

-13 L.H. / -14 R.H.

-15 L.F. / -16 R.R.

CLIP-28B070 SEE SEC. J-J DWG. 28B1525

PLACE STIFFENERS -28, -39, & -40 RADIALLY FROM CENTER OF BOTTOM CURVATURE (R-47 23/32)

SKIN INSIDE FACE

-42 L.F. / -44 R.F. / -43 L.R. / -45 R.R.

-40 F / -41 R

-49 R.H. / -46 L.H. REAR DIAGONAL BRACE

NOTE:- ALL WEB STIFFENERS TO BE JOGGLED 1/16 WHERE NECESSARY, OUTSTANDING LEG TO BE TRIMMED 30°, EXCEPT -31, -36, & -39 AS SHOWN SEC. A-A DWG. 28B1525

-39 L.H. F.& R. / -54 R.H.

-52 F / -53 R

-34 F.& R.

(J) WEB -55 .030 SHEET SPEC 47A10 COND "T" FOR -550 ASSY

-3 L.H. FRONT-TOP / -4 R.H. / -5 L.H. REAR / -6 R.H.

-2 WEB-.025 SHEET SPEC. 47A10 COND "T" FOR -0 ASSY.

-47 L.H. REAR DIAGONAL BRACE SEE SEC. A-A DWG. 28B1525 / -50 R.H.

-36 F.& R.

-7 L.H. FRONT BOTTOM / -8 R.H. / -9 L.H. REAR / -10 R.H.

-51 R.H. / -48 L.H. REAR DIAGONAL BRACE

AN442-D8

L SLOPE ANGLE

M FOR PBY-2 & 3

SEE DETAIL F DWG. 28B1525

-30 F / -31 R

-32 F / -33 R

-26 F / -27 R

-28 F / -29 R

-24 L.F. / -37 R.F. / -25 L.R. / -38 R.R.

-22 R.F. / -20 / -23 L.R. / -21 R.R.

AN442-D6

GUSSET 28B1525-55

GUSSET 28B1525-54

KEEL LINE

47 23/32 R.   56 10/32   59 15/16   22 1/2° REF.   28 5/32   69 1/32   13 REF.   18 R   58 11/16 R.

AN510-D6-7   28B343-17C   COTTON WEBBING 95761-KE-2.25

RUBBING BLOCK 28B1391-2   RUBBING BLOCK 28B1391

DETAIL M FOR PBY-2 & 3

FOR PBY-1

COTTON WEBBING 95761-KE-1.5 1 1/2 x 3/16

RUBBING BLOCK 28B1391

DRILL #18 (.161) AN505-D6-7 AN340-D6 4 REQ'D

FORWARD

NOTE:-

SEE 28B036 FOR TABLE OF ANGLE SLOPES FRAME BOTTOM SLOPE SAME AS KEEL SLOPE (6°-15') IN ALL SECTIONS PARALLEL TO KEEL PLANE

RIVETS IN TOP AND BOTTOM EDGING ANGLES TO BE EQUALLY SPACED AS SHOWN IN EACH SPACE BETWEEN WEB STIFFENERS

RIVETS IN VERTICAL & DIAGONAL STIFFENERS TO BE EQUALLY SPACED AS SHOWN WITH END RIVETS 1/4 FROM EDGING ANGLE

SEE DWG. 28B1525 FOR SECTIONS A-A, B-B, C-C, G-G, H-H, I-I, J-J, K-K, L-L

SEE DWG. 28B1580 FOR SECTION N-N

NOTE:-

LIST CONSISTS OF ANGLES (PLAIN, EXTRUDED & BULB) WITH CORRESPONDING DASH NO'S.

ALL EXTRUSIONS SPEC 46A9 COND T *UNLESS OTHERWISE NOTED*

3/4 x 3/4 x 1/16 EXTRUDED ANGLE DIE No. K-5401
-3, -4, -5, -6, -7, -8, -9, -10, -46, -47, -48, -49, -50, -51.
(I) -3 TO -10 INCL SPEC 46A9 COND A HT SR53 (COND T)

9/16 x 7/16 x .040 EXTRUDED ANGLE DIE No. K-6240
-11, -12, -13, -14, -22, -23, -26, -27, -32, -33, -34, -40, -41, -42, -43, -20, -21, -44, -45, -52, -53.

5/8 x 1/2 x .060 EXTRUDED ANGLE DIE No. K-0876
-24, -25, -28, -29, -30, -31, -36, -39, -37, -38, -54 R

7/8 x 9/16 x .060 EXTR. BULB ANGLE DIE No. K-1559
-17, -18, -19

5/8 x 1 1/2 x .040 PLAIN ANGLE - SPEC. 47A10 COND A - H.T. SR53 (COND T)
-15, -16

PARTS				
AN345-D6		6	6	6
AN510-D6-7		6	6	6
95761-KE-2.25		2	2	2
95761-KE-1.5	2			
AN340-D6	4			
AN505-D6-7	4			
AN442-D6				
AN442-D8				
28B1575-55				2
28B1525-55	2	2	2	2
28B1525-54	2	2	2	2
28B1391-2		2	2	2
28B1391	2	2	2	2
28B070	2	2	2	2
28B1575-54	2	2	2	2
28B1575-51	1	1	1	1
-50	1	1	1	1
-49	1	1	1	1
-48	1	1	1	1
-47	1	1	1	1
-46	1	1	1	1
-45	1	1	1	1
-44	1	1	1	1
-43	1	1	1	1
-42	1	1	1	1
-41	2	2	2	2
-40	2	2	2	2
-39	2	2	2	2
-38	1	1	1	1
-37	1	1	1	1
-36	2	4	4	4
-35	2	2	2	2
-34	[illegible]	12	12	12
-33	2	2	2	2
-32	2	2	2	2
-31	2	2	2	2
-30	2	2	2	2
-29	2	2	2	2
-28	2	2	2	2
-27	2	2	2	2
-26	2	2	2	2
-25	1	1	1	1
-24	1	1	1	1
-23	1	1	1	1
-22	1	1	1	1
-21	1	1	1	1
-20	1	1	1	1
-19	1	1	1	1
-18	1	1	1	1
-17	1	1	1	1
-16	1	1	1	1
-15	1	1	1	1
-14	1	1	1	1
-13	1	1	1	1
-12	1	1	1	1
-11	1	1	1	1
-10	1	1	1	1
-9	1	1	1	1
-8	1	1	1	1
-7	1	1	1	1
-6	1	1	1	1
-5	1	1	1	1
-4	1	1	1	1
-3	1	1	1	1
28B1575-2	2	2	2	
PARTS	PBY-1	[illegible]	[illegible]	-550
MAT.	PARTS LIST PER ASSY.			

PORT SIDE
LOOKING FORWARD

FINISH CODE	
Z	ANODIC TREATMENT
P	P-27 PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

FINISH: Z-P - GP ON PBY-4 / Z-P - [illegible] ON PBY-2 [illegible]

D.H.	MODEL	NEXT ASSY.	REQ.
-M	PBY-5A	28B5575	1
-M	PBY-5B	28B5575	1
550	PBY-5	28B1000	
	PBY-4	28B1000	
	PBY-3	28B1000	
	PBY-2	28B1000	
	PBY-1	28B1000	

REQUIREMENTS PER AIRPLANE

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RIVETS WILL BE AN442-D8
DRILL 5/32 FOR AN442-D8 RIVET
DRILL 3/16 FOR AN442-D6 RIVET

ALL AL. ALLOY SHEET SPEC. 47A10 COND T EXCEPT AS NOTED
ALL AL ALLOY EXTRUSION SPEC. 46A9 COND T " " "
HEAT TREAT ALL COND A MAT SPEC SR-53 TO COND T.
RIVETS AL ALLOY EXCEPT AS NOTED

REPLACES
REPLACED BY
LIMIT ON DIMENSIONS UNLESS OTHERWISE SPECIFIED ± 1/32

[redacted]

APPROVED [illegible] DATE 6-8-37
CALC WT. 10.6   ACT WT.
SCALE 6" = 1'-0"
AG
NAVY NOTED — MATERIAL
NOTED — SPEC.
NOTED — HEAT TREAT
NOTED — FINISH
J.O.B. 11-6-35 — DRAFT / CHECK / [illegible]

CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.

STAMP PT. NO. WHERE SHOWN

NAME: BELTFRAME HULL STA. 5.75

OPP HAND

J 28B1575

H 97